

# Giles Tetteh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7490194/publications.pdf>

Version: 2024-02-01

19  
papers

1,030  
citations

687363

13  
h-index

888059

17  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1395  
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine learning analysis of whole mouse brain vasculature. Nature Methods, 2020, 17, 442-449.	19.0	203
2	Knowledge-Aided Convolutional Neural Network for Small Organ Segmentation. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 1363-1373.	6.3	159
3	VerSe: A Vertebrae labelling and segmentation benchmark for multi-detector CT images. Medical Image Analysis, 2021, 73, 102166.	11.6	112
4	Automated Whole-Body Bone Lesion Detection for Multiple Myeloma on <sup>68</sup> Ga-Pentixafor PET/CT Imaging Using Deep Learning Methods. Contrast Media and Molecular Imaging, 2018, 2018, 1-11.	0.8	93
5	DeepVesselNet: Vessel Segmentation, Centerline Prediction, and Bifurcation Detection in 3-D Angiographic Volumes. Frontiers in Neuroscience, 2020, 14, 592352.	2.8	83
6	qPSMA: Semiautomatic Software for Whole-Body Tumor Burden Assessment in Prostate Cancer Using <sup>68</sup> Ga-PSMA11 PET/CT. Journal of Nuclear Medicine, 2019, 60, 1277-1283.	5.0	82
7	Deep neural network for automatic characterization of lesions on <sup>68</sup> Ga-PSMA-11 PET/CT. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 603-613.	6.4	66
8	BraTS Toolkit: Translating BraTS Brain Tumor Segmentation Algorithms Into Clinical and Scientific Practice. Frontiers in Neuroscience, 2020, 14, 125.	2.8	50
9	Automatic opportunistic osteoporosis screening in routine CT: improved prediction of patients with prevalent vertebral fractures compared to DXA. European Radiology, 2021, 31, 6069-6077.	4.5	50
10	Btrfly Net: Vertebrae Labelling with Energy-Based Adversarial Learning of Local Spine Prior. Lecture Notes in Computer Science, 2018, , 649-657.	1.3	37
11	A computed tomography vertebral segmentation dataset with anatomical variations and multi-vendor scanner data. Scientific Data, 2021, 8, 284.	5.3	22
12	Direct Estimation of Pharmacokinetic Parameters from DCE-MRI Using Deep CNN with Forward Physical Model Loss. Lecture Notes in Computer Science, 2018, , 39-47.	1.3	16
13	DeepASL: Kinetic Model Incorporated Loss for Denoising Arterial Spin Labeled MRI via Deep Residual Learning. Lecture Notes in Computer Science, 2018, , 30-38.	1.3	16
14	Deep-FExt: Deep Feature Extraction for Vessel Segmentation and Centerline Prediction. Lecture Notes in Computer Science, 2017, , 344-352.	1.3	11
15	Deep Neural Network for Automatic Characterization of Lesions on <sup>68</sup> Ga-PSMA PET/CT Images. , 2019, 2019, 951-954.		7
16	Multi-modal Image Classification Using Low-Dimensional Texture Features for Genomic Brain Tumor Recognition. Lecture Notes in Computer Science, 2017, , 201-209.	1.3	6
17	A Distance-Based Loss for Smooth and Continuous Skin Layer Segmentation in Optoacoustic Images. Lecture Notes in Computer Science, 2020, , 309-319.	1.3	5
18	W-Net for Whole-Body Bone Lesion Detection on <sup>68</sup> Ga-Pentixafor PET/CT Imaging of Multiple Myeloma Patients. Lecture Notes in Computer Science, 2017, , 23-30.	1.3	2

#	ARTICLE	IF	CITATIONS
19	Automatic Multi-Atlas Segmentation for Abdominal Images Using Template Construction and Robust Principal Component Analysis. , 2018, , .		1